

END VIEW
W/O CPA

END VIEW
W/ CPA

WITHOUT CPA
SEE P/N CHART
ALL DIMENSIONS SAME
AS WITH CPA

— LAST 5 DIGITS OF 8 DIGIT P/N
& PART CHANGE LEVEL (PCL) OR
LAST 6 DIGITS OF 9 DIGIT P/N
OR 10 DIGIT P/N & PART CHANGE
LEVEL (PCL)
MFG. DAILY DATE CODE & ASSY
MACHINE NO. LETTERING MUST
BE LEGIBLE
OPTIONAL

SECTION A - A

SECTION E-E

SEE DETAIL Z-7

— — — — —

PARTIAL
SECTION G - G

TYPE A

TYPE B

TYPE C

TYPE D

TYPE A

TYPE B

TYPE C

TYPE D

POLARIZATION OPTIONS
FULL SIZE

POLARIZATION OPTIONS
FULL SIZE

SECTION B - B

9 SEE NOT

SECTION A-A
P/N C56042583AA
SEALED PLUG

UNSEALED ASSEMBLY VIEW

SECTION D-D

SEALED ASSEMBLY VIEW
(PARTIALLY SEALED)
D WITHOUT END SEAL & RETAINER

SECTION C-C

SEALED ASSEMBLY VIEWS
SEE PART NUMBER CHART

MATING PART NUMBER CHART						
D	NATURAL	UNSEALED	54200603N	N/A	54200607	N/A
		UNSEALED	54200603	(C) 04707316	54200607	(C) 04707335
		SEALED	54200611N	N/A	54200615	N/A
		SEALED	54200611	(C) 04707312	54200615	(C) 04707335
C	DK GREY	UNSEALED	54200602N	N/A	54200606	N/A
		UNSEALED	54200602	(C) 04707315	54200606	(C) 04707334
		SEALED	54200610N	N/A	54200614	N/A
		SEALED	54200610	(C) 04707311	54200614	(C) 04707330
B	LT GREY	UNSEALED	54200601N	(C) 04707314	54200605	(C) 04707333
		UNSEALED	54200646	(C) 04794232AA	54200605	(C) 04707333
		SEALED	F171010	N/A	JOHN DEERE LITTLE FUSE LOAD CENTER	
		SEALED	54200609N	N/A	54200613	N/A
		SEALED	54200609	(C) 04707310	54200613	(C) 04707329
		SEALED	54200600N	N/A	54200604	N/A
A	BLACK	UNSEALED	54200600	(C) 04707313	54200604	(C) 04707332
		SEALED	54200626N	N/A	54200612	N/A
		SEALED	54200626	(C) 56042583AA	54200612	(C) 04707328
		SEALED	54200608N	N/A	54200612	N/A
		SEALED	54200608	(C) 04707309	54200612	(C) 04707328
		SEALED	54200608	(C) 04707309	54200663	(C) 04608908AA
		SEALED	54200660N	N/A	54200661	N/A
		SEALED	54200660	(C) 04759914AA	54200661	(C) 04759912AA
		SEALED	△756900	N/A	DIRECT CONNECT INDEX A	
INDEX TYPE	COLOR	SEALED / UNSEALED	FCI	CUSTOMER	FCI	CUSTOMER
			FEMALE ASSEMBLY PART NUMBERS	MATING ASSEMBLY PART NUMBER		FOR REFERENCE ONLY

FCI - FRAMATOME CONNECTORS INTERLOCK
YNA - YAZAKI NORTH AMERICA
(C) - CHRYSLER

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#	FCI NO.	CUSTOMER NO.	PART NAME	MATERIAL
①	54200630	(C) 04707301	INSULATOR-FEMALE INDEX A; BLK	PA66GF35
①	54200631	(C) 04707302	INSULATOR-FEMALE INDEX B; LT GRY	PA66GF35
①	54200632	(C) 04707303	INSULATOR-FEMALE INDEX C; DK GRY	PA66GF35
①	54200633	(C) 04707304	INSULATOR-FEMALE INDEX D; NATURAL	PA66GF35
②	54200620	(C) 04707305	WEDGE-FEMALE; ROYAL BLUE	PA66GF35
③	54200653	(C) 04707306	RING SEAL; RED	SILICONE
④A	54200654	(C) 04707441	END SEAL; BRIGHT RED (INSULATION RANGE Ø 1.70 - Ø 2.77)	SILICONE
④A	C455900	N/A	END SEAL; WHITE (INSULATION RANGE Ø 1.90 - Ø 3.70)	SILICONE
④A	54200659	N/A	END SEAL; HYBRID LT GREY (INS. RANGE Ø 1.70- Ø 4.09)	SILICONE
④B	54200627	(FCI*001001)	END SEAL; BRIGHT YELLOW (NO HOLES)	SILICONE
⑤	54200651	(C) 04707308	RETAINER; DK GREY	PA66GF35
⑥	54200003	(C) 04687739	CPA LATCH; RED	PA66GF35
CONNECTOR ASSEMBLY TEMPERATURE CLASS PER SAE/USCAR-2 REV 5				
PART CHANGE LEVEL (PCL)				
* VENDOR PART NUMBER				

** CIRCUIT NO'S 2 & 5 WITH 12 OR 10 AWG ONLY &
NO'S 1, 3, 4 & 6 WITH 20 TO 14 AWG ONLY

*** END SEAL FCI P/N C455900 AND RETAINER P/N 54200651 PROVIDED
LOOSE PIECE AND INSTALLED AT WIRE HARNESS ASSEMBLY

△ DESIGNATES P/N AVAILABLE THROUGH TTI

NOTES:

- QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300: I
- △ SPEC DATA REQUIRED
- △ ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION
- △ CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL
- △ WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN
- △ ALL THE SEALED APPLICATIONS WITH 54200654 AND 54200659 END SEALS MUST BE USED WITH CHRYSLER WIRE SPEC. MS-8288 OR MS-9502 THIN WALL X-L-INK 20, 18, 16, 14 & 12 GAGE WIRES ONLY AS SHOWN IN THE CHART (WIRE INSULATION RANGER 0.1.70 MIN TO Ø3.35 MAX)
- △ ISO THIN WALL EQUIVALENTS ALLOWED
- △ P/W WITH C455900 END SEAL MUST BE USED WITH WIRE INSULATION RANGE FROM Ø1.90MIN TO Ø3.70MAX (18AWG TO 12AWG OR 1mm² TO 4mm² ISO THIN WALL)
- △ ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE INSULATION 22 GAGE THRU 10 GAGE & ISO THIN WALL EQUIVALENTS PROVIDING THAT A TERMINAL GRIP FOR THAT CORE/INSULATION COMBINATION IS SHOWN ON THE MALE TERMINAL DRAWING
- MAX. INSULATION CRIMP WIDTH = 4.50
MAX. INSULATION CRIMP HEIGHT = 4.50
MAX. INSULATION DIA = 4.09 (10 GA THIN WALL)
- △ USE WITH CAVITY PLUG FCI P/N 54200005, (C) 56038308 WHEN REQ'D USE WITH 2 80MM APEX FEMALE TERMINAL PER C15004-CUST SYM ABOUT CENTERLINE, 180° ORIENTATION PERMISSIBLE
- △ TEST METHOD PER CHRYSLER PERFORMANCE SPEC# SAE/USCAR-2 REV 5, CONNECTOR ENGAGE & DISENGAGE WITH LATCH DEPRESSED FORCE NOT TO EXCEED 90 N FOR THIS SYSTEM
- CPA SEATING FORCES - 40 N MAX.
WEDGE SEATING FORCES - 125 N MAX.
- △ SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE
- △ ANNUAL QUALITY REQUIREMENTS:
IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 & SAE/USCAR-2 REV 5
- ALL NON-REFERENCE DIMENSIONS ARE REQUIRED
- USE INDEX A, BLACK SEALED AND UNSEALED FOR ALL AFFECTED INSULATOR CAVITIES
 - CURRENT PRODUCTION TOOLING
 - POINT OF LAST RUN
- SERVICE TOOLING GUIDE INFORMATION PER APEX TRAINING MANUAL
- △ MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARDS:
- SAE/USCAR-2 REV 5, EXCEPT AS NOTED ABOVE
- PS-7300 QUALITY ASSURANCE (CHRYSLER)
- PS-4480-CEK-4 (CHRYSLER) PART I.D., (G-009-2 YNA)
- PS-9065 REGRIND (CHRYSLER), (O-009-3 YNA)
- PS-9227 DATA EXCHANGE (CHRYSLER), (G-009-7 YNA)
- PS-10052 INFORMATION SECURITY (CHRYSLER)
- △ THIS DRAWING (H59007) REPLACES CHRYSLER DRAWING NUMBER 04707299 LEVEL "K"
- △ CHRYSLER DRAWING IS FOR REFERENCE ONLY
- △ FCI P/N WITH SUFFIX "N" DESIGNATES ASSEMBLIES W/O CPA

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